

New Mexico Oil Conservation Division, District I

UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
1625 N. French Drive  
Hobbs, NM 88240

FORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2004

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.  
NM 106715

1a. Type of Well  Oil Well  Gas Well  Dry Other  WIW  
 b. Type of Completion:  New Well  Work Over  Reopen  Plug Back  Diff. Resvr.  
 Other \_\_\_\_\_

6. If Indian, Allottee or Tribe Name  
7. Unit or CA Agreement Name and No.

2. Name of Operator  
St. Mary Land & Exploration

EAST SHUGART DELAWARE UNIT  
8. Lease Name and Well No.

3. Address  
580 Westlake Park Blvd Suite 600 Houston, Tx. 77079

3a. Phone No. (include area code)  
(281) 677-2772

ESDU #21  
9. API Well No.

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*

At surface 1425 FNL 1000 FWL UL:E  
At top prod. interval reported below SAME  
At total depth SAME

10. Field and Pool, or Exploratory  
EAST SHUGART DELAWARE UNIT  
11. Sec., T., R., M., on Block and Survey  
or Area SEC 19 T18S R32E

12. County or Parish  
Lea  
13. State  
NM

14. Date Spudded  
3-8-05

15. Date T.D. Reached  
3-19-05

16. Date Completed  
 D&A  Ready to Prod.

17. Elevations (DF, RKB, RT, GL)\*  
3714' GL

18. Total Depth: MD 5517  
TVD 5517

19. Plug Back T.D.: MD 5479  
TVD

20. Depth Bridge Plug Set: MD  
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

22. Was well cored?  No  Yes (Submit analysis)  
Was DST run?  No  Yes (Submit report)  
Directional Survey?  No  Yes (Submit copy)

Laterolog Array MicroCFL; Litho Density Compensated Neutron

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12 1/4"	8 5/8"	24	0	954'		590 sx circ 14.8 PPG c		0	
7 7/8"	5 1/2"	15.5	0	5517'		750 sx circ 11.8 Leed & 330 sx 13.2 PPG C		0	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 3/8"		4992'						

25. Producing Intervals

26. Perforation Record

Formation	TOP	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Delaware			5340-46; 5310-20; 5270-84	0.4	64	OPEN
B)			5252-5262			
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
5252-5346	2500 gals 15% HCl, 78 bbls 2% flush

ACCEPTED FOR RECORD

MAY 18 2005

GARY GOURLEY  
PETROLEUM ENGINEER

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
4-11-05									
Choke Size	Tbg. Press. Flwg. SI	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
								WIW	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Call Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production <input type="checkbox"/>	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg Press Flwg. SI	Csg. Press	24 Hr. Rate <input type="checkbox"/>	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status Water Injection	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production <input type="checkbox"/>	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg Press Flwg. SI	Csg. Press	24 Hr. Rate <input type="checkbox"/>	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	

29. Disposition of Gas (Sold used for fuel, vented, etc.)

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
Brushy Canyon	5035	TD	Water	T/Salt	1086
				B/Salt	2226
				Queen	3557
				Penrose	3773
				Grayberg	3969
				Delaware	4533

32. Additional remarks (include plugging procedure):

Brushy Canyon Water Injection Well

33. Circle enclosed attachments:

- 1 Electrical/Mechanical Logs (1 full set req'd.)     
  2 Geologic Report     
  3 DST Report     
  4 Directional Survey  
 5 Sundry Notice for plugging and cement verification     
  6 Core Analysis     
  7 Other: \_\_\_\_\_

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (please print) Marcie St. Germain Title Production Tech

Signature Marcie St. Germain Date 5-11-05

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212 make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false fictitious or fraudulent statements or representations as to any matter within its jurisdiction.